

# SW204HD

COMPONENT HDTV MATRIX SWITCHER

**Full Matrix Capabilities, 4 x 2 Switch**  
**With USB and RS232 PC Control**



With Remote Control

high  
performance

PROGRADE

## Component HDTV Matrix Switcher with Digital and Left/Right Audio

- View Four Different Sources on Either Monitor
- Source and Monitor Selection by IR Remote, RS232, USB or Manual Selection on Front Panel
- Unit Learns IR Commands For Use With Other IR Remote Controls
- Discrete Remote Commands by RS232 or USB
- High Bandwidth and Low Crosstalk Provides Maximum Picture Performance
- Rack Mount(s) Included
- Metal Cabinet Has the Weight to Stay In Place With All The Cables Connected



3209 Wood Drive  
Garland, TX 75041  
Toll free: 800.767.6189  
[www.celabs.net](http://www.celabs.net)

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## Specifications

### Video

Nominal Input Level:	1 Volt peak to peak
Gain:	1 Volt into 75 ohms (2 Volts Unterminated)
Input Impedance:	75 ohms
Output Impedance:	75 ohms
Isolation Port to Port:	>40 dB
Isolation On to Off:	>60 dB
Return loss:	>18 dB
Video bandwidth:	> 100MHz (HDTV requires 37MHz min.)

### Audio

#### Analog:

Nominal Input Level:	1 Volt peak to peak
Gain:	Unity (one to one)
Input Impedance:	22k ohm
Output Impedance:	100 ohm
THD:	0.05%
Frequency Response:	20Hz to 100kHz
Channel Separation:	>75 dB
Port to Port Isolation :	>50 dB
Output to Input Isolation :	60 dB
Signal to Noise:	80 dB 2 Volts out

#### Digital:

Supports Standard SPDIF digital audio.

Unity gain when terminated into 75 ohms (2X gain, high impedance).

Greater than 100 MHz of bandwidth to ensure minimal degradation.

**(If not used for digital audio, this port can be used to switch standard video).**

### Power

**Requirement:** External 9 or 10 Volt AC @ 1000mA with a 2.1mm center diameter coaxial connector.

### Accessories

1 Power Supply • 2 Rack Mount Ears • 1 Application CD • 1 IR Remote Control • 1 Manual

**Dimensions:** 1.75 x 5.5 x 14.6

**Weight:** 3.7 lbs



With Remote Control



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